

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 5

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Application Number	10/591,923-Conf. #5393			
Filing Date	September 5, 2006			
First Named Inventor	Daniel J. Rader			
Art Unit	1614			
Examiner Name	Not Yet Assigned			
Attorney Docket Number	AGP-002			

	U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevan		
Initials*	No.	Number-Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document	Figures Appear		
1.W.X	A1*	US-20020035064-A1	03-21-2002	Robl et al.			
1000	A2*	US-20020045271-A1	04-18-2002	Hussain et al.			
	A3*	US-20030069221-A1	04-10-2003	Kosoglou et al.			
	A4*	US-20030109543-A1		Ogletree			
	A5*	US-20030162788-A1	08-28-2003	Thomas et al.			
900	A6*	US-20030187053-A1	04-13-2004	Bertinato et al.			
0000	A7*	US-20040014748-A1	01-22-2004	Grutzmann et al,			
-	A8*	US-20040058908-A1	03-25-2004	Keller et al.			
9000	A9*	US-20050075367-A1	04-07-2005	Hagiwara et al.			
1	A10*	US-20050090426-A1	04-28-2005	Blumberg			
1	A11*	US-20050101561-A1	05-12-2005	Tunac			
1	A12*	US-20060069161-A1	03-30-2006	Lee et al.			
-	A13*	US-20060135460-A1	06-22-2006	Widder et al.			
-		US-20060153913-A1	07-13-2006	Yamane et al.			
1		US-20060205726-A1		Hagiwara et al.			
		US-20060211020-A1	09-21-2006	Farrer et al.			
-	A17*	US-20060211762-A1	09-21-2006	Rongen et al.			
		US-20060270655-A1	11-30-2006	Swick et al.			
1		US-20070088089-A1	04-19-2007	Wisler			
1		US-20070093468-A1	04-26-2007	Wisler			
1		US-20070093527-A1	04-26-2007	Wisler			
-		US-3,983,140	09-28-1976	Endo et al.			
-		US-4,231,938		Monaghan et al.			
	- P. A. Printline William	US-4,346,227	08-24-1982	Terahara et al.			
-		US-4,448,784		Glarnkowski et al.	-		
		U5-4,450,171		Holfman et al.			
-		US-4,499,289	02-12-1985				
1		US-4,613,610		Wareing			
-		US-4,647,576	03-03-1987	Hoefle et al.			
-		US-4,686,237	08-11-1987	Anderson			
		US-4,871,721	10-03-1989	Biller			
		US-4,924,024	05-08-1990	Biller			
8		US-5,117,080	05-26-1992	Lee et al.			
1		US-5,595,872		Wetterau, II et al.			
		US-5,684,014		Muller et al.			
1		US-5,712,279	01-27-1998	Biller et al.			
		US-5,712,396		Magnin et al.			
		U\$-5.739.135		Biller et al.			
		US-5,760,246		Biller et al.			
		US-5,786,361	07-28-1998				
-		US-5,789,197		Wetterau, II et al.			
8		US-5,811,429		Connell et al.			
-		U\$-5,827,875		Dickson, Jr. et al.			
		US-5,883,109	03-16-1999				
W	-	US-5,885,983	03-23-1999				
07581		US-5,952,498		Lenfers et al.			
K.W./		US-5,990,110	11-23-1999		***************************************		

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TK.W.	A48*	US-6,034,11	5	03-07-20	00 Coni	nell e	et al.		T		
8	A49*	US-6,057,33	9	05-02-20	00 Greg	g	***************************************		L		
		US-6,066,65		05-23-20							
		US-6,066,65		05-23-20					↓_		
		US-6,114,34		09-05-20					↓_		,
		US-6,245,77		06-12-20		******			ـــــ	***************************************	
		US-6,265,43		07-24-20		*****			_		
		US-6,297,23		10-02-20					<u> </u>		
		US-6,344,45		02-05-20					↓_	***************************************	
		US-6,479,50		11-12-20					़		
		US-6,492,36		12-10-20			, Il et al.		-		
		US-6,498,15		12-24-20			et al.		-		
		US-6,620,82		09-16-20					-		
		US-6,627,63		09/20/200					┼		
 		US-6,720,35		04-13-20		~~~~	et al.		+		
——	A63*	US-6,774,23 US-6,812,34	5 A 4	08-10-200 11-02-200					┿	·····	
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		US-6,846,83 US-6,858,62		02-22-20					┼		
		US-6,875,78		04-05-20			************************************		╁		
		US-6,916,80		07-12-20					╁		
		US-6,916,81		07-12-200				······	+		
1		US-6,949,57		09-27-20		THE RESIDENCE	et al.		+-		
-		US-6,979,69		12-27-20			et al.		╈	······	
76 6 1 4 6		US-7,053,08		05-30-20					+		
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Examiner	Cite	Foreign	Patent I	Document	Publicat Date			Petentee or		Pages, Columns, Lines, Where Relevant Passages	
Initials*	No.'	Country Code ³ -Nu	ımber⁴-iK	ind Code ³ (if known)	MM-DD-Y		Applicant of	Cited Document		Or Relevant Figures Appear	
7K.W.	B1	EP-0142146		******************************	05-22-1	985	Merck & Co Ir	10			
L	B2	EP-0221025			05-06-1		Sandoz Ag et	al.			
	В3	EP-0325130			07-26-1	989	Bayer Ag				V
	B4	EP-0705831			04-10-1	996	Bayer Ag				V
	B5	EP-0779276			06-18-1	997	Bayer Ag				17
	86	EP-0779279					Bayer Ag				4444
-	87	EP-0799828			10-08-1					_	ti
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Complete if Known Substitute for form 1449/9TO Application Number 10/591,923-Conf. #5393 INFORMATION DISCLOSURE Filing Date September 5, 2006 STATEMENT BY APPLICANT First Named Inventor Daniel J. Rader Art Unit 1614 (Use as many sheets as necessary) Examiner Name Not Yet Assigned Sheet 5 Attorney Docket Number AGP-002 3 /K.W./ B19 WO-00/038725 07-06-2000 | Searle & Co et al. B20 WO-01/008679 02-08-2001 | Verkade Hendrik Jan 04-08-2004 | Novo Nordisk A/S B21 WO-04/028544 B22 WO-04/110368 12-23-2004 | Merck & Co., Inc. B23 WO-04/110375 12-23-2004 Merkc & Co., Inc. B24 WO-05/000217 01-06-2005 | Merck & Co., Inc. B25 WO-05/051382 11-25-2004 | Yamanouchi Pharmaceutical 08-11-2005 Japan Tobacco Inc. B26 WO-05/072740 09-15-2005 Abeille Pharmaceuticals B27 WO-05/084666 B28 WO-05/094864 10-13-2005 | Max-Planck Gesellschaft Zur B29 WO-05/097131 10-25-2005 Janssen Pharmaceuetica NV B30 WO-06/046623 05-04-2006 Japan Tobacco Inc. B31 WO-06/062748 06-15-2006 Reliant Pharmaceuticals, Inc. B32 WO-06/063128 05-15-2006 Sytera, Inc. B33 WO-06/108666 10-19-2006 Proteosys AG Merck Patent GMBH B34 WO-06/111238 10-26-2006 Aegerion Pharmaceuticals B35 WO-07/047880 04-26-2007 836 WO-05/087234 09-22-2005 Rader **B37** WO-86/003488 06-19-1986 Sandoz Ag 838 WO-86/007054 12-04-1986 | Sandoz Ag et al. B39 WO-96/026205 08-29-1996 | Squibb Bristol Myers Co B40 WO-96/040640 12-19-1996 Pfizer et al. 11-06-1997 | Pfizer et al. B41 WO-97/041111 01-29-1998 Squibb Bristol Myers Co B42 WO-98/003069 B43 WO-98/003174 01-29-1998 | Souibb Bristol Myers Co B44 WO-98/023593 06-04-1998 | Pfizer et al. B45 WO-98/027979 07-02-1998 | Squibb Bristol Myers Co B46 WO-98/031225 07-23-1998 Squibb Bristol Myers Co B47 WO-98/031366 07-23-1998 | Squibb Bristol Myers Co B48 WO-98/031367 07-23-1998 | Squibb Bristol Myers Co 11-12-1998 Squibb Bristol Myers Co B49 WO-98/050028 /K.W/850 WO-07/047724 04-26-2007 Wisler

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *CITE NO: Those application(s) which are marked with an single asterisk (*) next to the Cite No: are not supplied under 37 CFR 196(e)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Skind of document by the expirations as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here it English language Translation is statched.

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S	TATEMENT E	3Y A	APPLICANT	First Named Inventor	Daniel J. Rader		
				Art Unit	1614		
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		NON PATENT LITERATURE DOCUMENTS	
Examlner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), title of the item (book, magazine, journal, symposium, catalog, etc.), tit	Т
(.W./	C1	Atzel, A., et al., "Mechanism of Microsomal Triglyceride Transfer Protein Catalyzed Lipid Transport", Biochemistry (1993), 32, 10444-10450.	
OOOceanopolico	C2	Bakillah A. et al., "Decreased Secretion of ApoB follows inhibition of ApoB-MTP Binding by a Novel Antagonist", Biochemistry (Mose), (2000) 39(16):4892-4899.	
	C3	Barclay, "Hyperlipidemia", NMT Briefs, 2003.	
orange (the control of the control o	C4	Bayes, M., et al., "Gateways to Clinical Trials", Methods and Findings in Experimental and Clinical Pharmacology, 24(1):2002, 37-55.	
occupano.	C5	Bays et al., "Pharmacotherapy for Dyslipidaemia - Current Theraples and Future Agents", Expert Opin Pharmacother, 2003 Nov;4(11):1901-38.	
	C6	Biller et al., "Isoprenoid (Phosphinylmethyl) Phosphonates as Inhibitors of Squalene synthetase", J. Med. Chem., 31 (10):1988, 1859-71.	
	C7	Bruckert, "New Lipid-Modifying Therapies", Expert Opin. Investig. Drugs, (2003)12(3):325-35.	
	C8	Capson, T.L., (Ph.D. Dissertation, June, 1987, Dept. Med. Chem. U. of Utah, Abstract).	
NO.	C9	Chang et al., "Microsomal Triglyceride Transfer Protein (MTP) Inhibitors: Discovery of Clinically Active Inhibitors Using High-Throughput Screening and Parallel Synthesis Paradigms", Current Opinion in Drug Discovery & Development, (2002) 5(4):562-70.	
	C10	Corey and Volante, J. Am. Chem. Soc., (1976) 98:1291-93.	
	C11	de Montellano et al., "Inhibition of Squalene Synthetase by Farnesyl Pyrophosphate Analogues", J. Med. Chem., (1977) 20:243-49.	Ī
	C12	Earl et al., "Ezetimibe", Nature Reviews, 2003, 2:97-98.	I
granaman	C13	Evans M. et al. "Medical Lipid-Regulating Therapy: Current Evidence, Ongoing Trials and Future Developments", Drugs: 2004; 64 (11): pp. 1181-1196	Ĺ
Оргосимина	C14	Expert Panel on Detection, Evaluation, and Treatment of High Blood Cholesterol in Adults. National Cholesterol Education Program: Adult Treatment Panell III Report. Publication number 01-3095, I-1-IX-11. 2001. Bethesda, MD, National Heart, Lung, and Blood Institute.	
Outside	C15	Farrell., "Drugs and Steatchepatitis", Semin Liver Dis, (2002) 22(2):185-194.	L
DODDOGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	C16	Gagne, et al. "Efficacy and Safety of Ezetimibe Coadministered with Atorvastatin or Simvastatin in Patients With Homozygous Familial Hypercholesterolemia", Circulation, (2002) 105 (21):2469-75.	
	C17	International Search Report for Application No. PCT/US05/07435 dated July 14, 2005 (7 pages).	Ī
	C18	International Search Report for Application No. PCT/US06/040637 dated June 12, 2007 (8 pages).	
	C19	International Search Report for Application No. PCT/US06/040639 dated June 12, 2007 (9 pages).	
	C20	International Search Report for Application No. PCT/US06/040640 dated May 23, 2007 (9 pages).	_
	C21	International Search Report for Application No. PCT/US06/040953 dated March 3, 2007 (8 pages).	_
799y	C22	Jamil et al., "An inhibitor of the Microsomal Triglyceride Transfer Protein Inhibits apoB Secretion From HepG2 Cells", Proc Natl Acad Sci U S A, (1996) 93(21):11991-11995.	
V	C23	Kastelein J., "What Future for Combination Therapies", Int J. Clin Pract. Suppl. 2003 March; (134): pp. 45-50	
*	C24	Kirkpatrick et al, "Market indicators", Nature, 2003, 2:98.	,00
<u>/K.W</u>	<u>C25</u>	Liao et al., "Blocking Microsomal Triglyceride Transfer Protein Interferes with apoB Secretion	

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Sheet		5	of	5	Attorney Docket Number	AGP-002	
/K.W./		Without Ca	using	Retention or Stress in t	he ER", Journal of Lip	oid Research, (2003) 44(5):978.	
1	C26	A THE OWNER OF THE PROPERTY OF THE PARTY OF		.A.C.S., (1987) 109:554			~~~
9990000	C27			erocyclic Ring Scaffolds m., 2005, 3:3514-3523		Cholesterol Absorption Inhibitors",	
approximate and the second	C28	Robl et al, "A Novel Series of Highly Potent Benzimidazole-Based Microsomal Triglyceride Transfer Protein Inhibitors", Journal of Medicinal Chemistry, 2001, 44(6):851-856.					
1000	C29					evels in LDL Receptor-Deficient all of Pharma. 2001, 431:127-131.	
	C30	Sorbera, L.A., et al., Implitapide "Hypolipidemic Treatment of Atherosclerosis MTP Inhibitor ApoB Secretion Inhibitor", Drugs of the Future, (2000) 25(11):1138-1144.					
	C31	Subhop et al., "Cholesterol Absorption Inhibitors For the Treatment of Hypercholesterolaemia", Drugs, 2002, 62(16):2333-2347.					
	C32 Thomas et al., "Alleviation of MTP Inhibitor-Induced Hepatic Steatosis in Hyperlipidemic fa/fa Rats by Fenofibrate", Dept. of Metabolic Diseases and Dept. of Chemical Research, Boehringer Ingelheim Pharma GmbH & Co. KG. (2005)						
000000	C33	Wetterau et al., "An MTP Inhibitor that Normalizes Atherogenic Lipoprotein Levels in WHHL Rabbits", Science, (1998) 282(5389):751-754.					
V	C34	Wetterau et 1345(2):138		4 -	Transfer Protein", Bi	ochimica Biophysica Acta, (1997)	
/K.W	V. C35 Wierzbicki A.S., "New Lipid-Lowering Agents", Expert Opinion on Emerging Drugs, Ashley Publications, GB, 8 (2):2003, 365-376.						

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Craw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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